

## Award Recipient of the ENERGY STAR Challenge for Industry



Fort Wayne Assembly  
General Motors Company  
12200 Lafayette Center Road  
Roanoke, IN 46783

General Motors Fort Wayne Assembly plant built its first salable vehicle on December 8, 1986, as it began producing the Chevrolet Silverado and GMC Sierra full size pickup trucks. Since then, the plant has grown from one shift to three and employs more than 3,900 people. It builds a complex array of both light and heavy-duty versions of the popular trucks, including short-box, long-box, regular cab, double cab, diesel, and duallies.

Fort Wayne Assembly achieved EPA's ENERGY STAR® Challenge for Industry in 2010 by cutting its energy intensity by 22.33% over two years. This was achieved through:

- Implementing a department-specific energy plan that identifies who is responsible for equipment shut down and start up.
- Installing Square D automatic lighting panels to automatically control shutdown and startup of interior and exterior lighting.
- Sending out weekly reviews of prior week's energy performance to all departments and plant manager.
- Carrying out shutdown procedures of powerhouse facilities on weekends and holidays during warm weather months.

This achievement is one of many environmental milestones the plant has accomplished. Others include:

- First GM Assembly Plant in the United States to achieve Landfill-Free status
- Using methane gas produced from a nearby landfill for a source of power, saving more than \$1 million each year.
- Leader in "closed loop" recycling:
  - Absorbent pads used to soak up oil/water from the plant floor are cleaned and reused up to three times. Afterward, GM will begin to recycle the material into Silverado and Sierra air deflectors, which also contain some of the plant's recycled packaging plastic.
  - Cardboard packaging from the plant is recycled into Buick Verano and Buick Lacrosse headliners to provide acoustical padding that reduces noise in the passenger compartment.
  - Waste water treatment sludge taken to concrete manufacturer to be used as raw material in manufacture of concrete. Eliminates 100% of sludge that used to go to landfill. In three years, this averages 700 tons of treatment sludge from paint shop.
- Lighting performance contracts saving nearly \$1 million a year.
- In late 2014, Fort Wayne Assembly will be one of the first in the North American automotive industry to convert landfill gas to electricity.

For more information contact:  
Stephanie Jentgen  
Ft. Wayne Plant Communications Manager  
[Stephanie.jentgen@gm.com](mailto:Stephanie.jentgen@gm.com)